

DEMING GRAPHIC.

VOL. I

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DEMING, LUNA COUNTY, N. M., WEDNESDAY, JANUARY 13, 1904.

No. 44

EXPERIMENTAL WELL SUNK

According to Plans of Agricultural Experiment Station.

IRRIGATION FOR THE SMALL FARMER

Results Achieved at Albuquerque
Very Gratifying. Description
of the Well and Its Cost
Completed.

Press bulletin No. 85, issued under date of Jan. 5, by the New Mexico College of Agriculture and Mechanic Arts and the Agricultural Experiment station contains much interesting information and is herewith published in its entirety:

During the first week of December, 1903, a well was sunk for irrigation purposes on the farm of Chas. E. Gleckler, near Albuquerque. The well was put down after the plan given in Bulletin No. 45.

An open well was dug to a little below water level and curbed with two-inch pine. A six-inch standard pipe, which forms the well, was sunk in the bottom of the open pit. About 15 feet of strainer was exposed below the pipe. The total depth of the well from the surface of the ground to the bottom of the strainer is about 44½ feet.

STRAINER.
The strainer was made from 16-gauge galvanized iron and closed at the bottom. The walls of the strainer were perforated by slots 1½ inch long by about ¼ inch wide. These slots were placed very close together.

PLACING THE STRAINER.
In placing the strainer the pipe was first sunk to the full depth of the well. The strainer was lowered inside of the pipe to the bottom. The pipe was then jacked up until about 15 feet of the strainer was exposed below the pipe.

Theoretically the action of this sort of strainer is as follows, and the results seem to prove the theory true: The slots in the strainer are large enough to allow the sand mixed with the gravel to enter the well and be pumped out with the water, and at the same time small enough to keep the gravel from entering the well. The gravel then accumulates around the strainer, thus forming a porous water-bearing stratum through which water can pass rapidly into the well in order to take the place of that being removed by the pump.

GRAVEL STRATA.
A water-bearing gravel stratum is necessary for the success of this type of well, and therefore, Mr. Gleckler's undertaking was an experiment.

Gravel, mixed with sand, was struck at 12 feet from the surface of the ground, and gravel, more or less plentiful, continued to the bottom of the well 44½ feet. From a careful examination of the strata passed through in sinking this well; from information gathered from persons who have sunk wells in the vicinity, and from the fact that upon flushing the well the water became clear after the sand was removed, the writer has been led to believe that there is a sufficient amount of gravel to be found in the vicinity of Albuquerque to practically insure the success of this type of well.

COST.
The cost of a well of this type is comparatively small. Wherever demonstrated to be successful it will bring the cost of a pumping plant entirely within the means of most farmers.

The following statement of the cost of the pumping plant was kindly furnished by Mr. Gleckler:

Well, including materials and labor	\$139 50
Pump and engine (in place)	450 55
Total	\$590 05

A Cushman 6-horse power engine and a Van Wie centrifugal pump were installed. The water pumped with the power by this small engine was sufficient to fill a five-inch discharge pipe. It is understood that Mr. Gleckler will put in a larger engine and then still better results are expected.

Silver City.

Mr. and Mrs. Oliver Laizure left last week for Clifton, where they will visit friends.

James N. Upton of Deming was a business visitor in Silver City during the week.

Robert Golding left last week on a combined business and pleasure trip to San Francisco.

The members of Silver City lodge, No. 1, A. O. U. W., held an enjoyable social session Monday evening.

Silver City republicans are making an effort to have one of the territorial conventions meet here this year.

J. W. Pennewill, of the Silver City Beer and Ice company, went down to Deming Saturday evening on a business trip.

Silver City lodge of Elks is again at work upon the proposition of building a home, which will likely include an opera house.

Capt. Winthrop Merrill of Boston, a son of the late Chas. F. Grayson, is in the city on business connected with his father's estate.

H. E. Miles, a job printer, arrived in Silver City last week from Las Vegas and has accepted a position in the Independent office.

The Silver City militia company has been notified that it will shortly receive one of the new regulation Laisley targets for rifle shooting practice.

Hon. A. H. Harilee of this city was in Santa Fe last week in attendance upon the New Mexico Bar association, of which he was the retiring president.

H. L. Gammon of Lordsburg, who has charge of the building of the new plant of the International Gold Mining company at Malone, this county, was in Silver City Saturday.

This section had its first cold spell of the winter during the past week. There was quite a fall of snow Thursday night and until Sunday, when it moderated, the weather was cold and blustery.

M. S. Cleveland, a well-known resident of Central, died at his home last Tuesday morning of pneumonia, after a short illness. Interment was made in the city cemetery here Thursday. Deceased was about 45 years of age and had lived in Grant county for the past 15 years.

Miss Stella Coe, a charming young lady, who has recently been making her home with her aunt, Mrs. M. A. Graves, in this city, was married in Deming last Sunday evening to Mr. James Cummings of California, who came to New Mexico a few days prior to receive his bride.

Quite a number of important social events are on the tapis here for the near future. On Jan. 19 the ladies will take advantage of their prerogatives and entertain their gentlemen friends at a dance at Newcomb hall. On Feb. 23 Silver City lodge No. 413, B. P. O. E., will give their annual ball.

William H. Wayland, a well-known Grant county mining man, died at the Ladies' hospital in Silver City last Thursday morning of pneumonia, contracted while working at Gold Gulch. He was 58 years of age and had been in this country for the past 20 years, having come here from Swope, Va., where his family is an old and respected one. Deceased was unmarried.

Santa Rita mining camp had another fatal accident Saturday, the victim being Jay Hyler, about 22 years of age. Hyler was employed in the concentrating mill and had gone up on a platform about 15 feet above the floor to oil some machinery. While so engaged he lost his balance and fell to the floor. When picked up he was unconscious and he remained in that condition until death ensued, six hours later. When he fell he struck upon his head and neck, and death was the direct result of hemorrhage of the brain. Mr. Hyler was a son of Mrs. Frank Master-son, who conducts the San Vicente dining room, and was a most exemplary young man. He was a member of the A. O. U. W. lodge, under the auspices of which the interment was made.

Leandro Gonzales died at his home in this city last Thursday night after a long illness. Deceased was about 45 years of age and had lived in New Mexico all his life. He is survived by a wife and five children. Mr. Gonzales was a miner and owned some good properties in the Santa Rita district.

John L. Burnside returned last Wednesday from Everett, Wash., having in custody B. F. Gooch, who is awaiting trial on indictment for the murder of J. D. Ross, and who fled the county just prior to the last March term of the District court. Gooch is very much of a mental and physical wreck and is not able to converse in an intelligent manner.

A quiet home wedding was celebrated at the residence of Mr. and Mrs. A. S. Goodell last Wednesday evening, the contracting parties being Miss Isabella Gaddis, a sister of Mrs. Goodell, and Mr. W. S. Cox. Rev. H. W. Ruffner officiated. Mr. and Mrs. Cox left on the evening train for Chicago and other cities on a month's honeymoon trip. The bride is one of our most popular young ladies. She is a graduate of the local normal school and has attended Leland Stanford, Jr., university and Columbia college. The last two years she has devoted to teaching. The groom is one of our most successful business men.

Swarts Notes.

S. Galvan paid Deming a business visit last week.

Canuto Parra was in Silver City on business last week.

Reyes Rodriguez went to Central on business last Wednesday.

Manuel Rodriguez went to Santa Rita on business last week.

Harry and Frank Tustin were visitors at Swarts one day this week.

Misses Katie J. and Carmelita Swarts were in San Juan on Monday.

Miss Georgie Swarts was a visitor at the home of Miss L. Salas last week.

Miss Annie McKinn is visiting at the home of Miss E. Rodriguez this week.

Mrs. E. J. Swarts was a visitor this week at the home of Mrs. Mucio Salas.

Tom McSherry and Brooks Brown were visitors at the home of E. J. Swarts recently.

Assessor E. J. Swarts drove over to Silver City on business Monday, and will remain the week.

Frank McKinn is moving out from Silver City. He will live on the Mimbres river for a while.

Mrs. T. Martinez and son went to Cooks Peak last Thursday, called there by the sickness of her daughter.

Albert Shultz and Reyes Rodriguez went to Central with two loads of hogs last week. They met with good success.

Mucio Salas is moving to Deming. His family, all the members of which are quite sick, will remain here until they recover.

Pedro Gomez and Miss Rina Cordova and Reyes Escobar and Miss Margarita Tafolla were married last Thursday morning in the Catholic church at Santa Rita. All parties are well and favorably known in Santa Rita, where they will reside in the future.

Ticket Scalping.

Ticket scalping is hard hit again by the decision of District Judge Kittrell at Houston, Tex., making permanent an order prohibiting brokers from dealing in unused portions of reduced rate railroad tickets of any sort, reading over Texas roads. A railroad ticket, the court held, is not property in the ordinary sense of the term, but merely evidences the right of the party to whom it is issued to secure transportation at a reduced rate according to the contract entered into between the road and himself. "The court can see no distinction," the decision continued, "between buying such a ticket and demanding a ride, and in buying a baggage check and demanding another man's baggage."

Most of those who are opposing statehood in New Mexico can be found at the pie counter.—Las Cruces Citizen.

Our Steady Growth.

District Attorney W. H. H. Llewellyn was in our town several days last week on legal business and while here gave this office a welcome call.

The major is an old timer in New Mexico. He has seen much of the advancement of our territory and is quite enthusiastic over the growth we are now making. He says this is one of the richest commonwealths in the union, and the great improvement on moral and educational lines is but the natural result of the development of our natural resources. He thinks the growth in 1904, owing to the great increase in railway mileage in parts of the territory formerly remote and inaccessible; the consequent opening up of large timber, coal and mineral regions; the building of manufacturing establishments such as the Rio Grande Woolen mills and the American Lumber Co's plant at Albuquerque, will be the greatest ever seen in the Southwest.

Major Llewellyn is a staunch republican and spoke freely of his faith in the success of the party in the coming campaign. He takes the view that, while some of the ring politicians are sore at the honest, outspoken policy of President Roosevelt, yet the people realize that in him they have a champion who can neither be bought, nor frightened into doing what he does not believe to be to their best interest.

Presiding Elder's Visit.

Rev. T. L. Lallance, of El Paso, presiding elder of the Methodist church, will preach here Sunday morning and evening and hold quarterly conference in the church on Monday night. After the sermon on Sunday morning communion will be celebrated.

CALL FOR TERRITORIAL REPUBLICAN CENTRAL COMMITTEE

A meeting of the Territorial Republican Central committee of the Territory of New Mexico is hereby called to meet at Santa Fe on Saturday, the 30th day of January, 1904, at 11 o'clock a. m. of said day, for the purpose of fixing the time, place and date of holding the Territorial Republican convention to select six delegates to represent the Territory of New Mexico at the National Republican convention to be held in the City of Chicago on the 21st day of June, 1904, to nominate candidates for President and Vice-President of the United States of America and to consider such other matters as may properly come before said committee.

FRANK A. HUBBARD,
Chairman Territorial Republican
Central Committee.

J. J. SHERIDAN, Secretary.

FOR RENT.—The Commercial Hotel.
A good opening for the right person.
For particulars see A. H. THOMPSON.

For fine printing call up phone 105.

RACKET STORE

Baby Shoes and Moccasins	15c to 85c
Ladies' Shoes from	\$1.00 to \$2.50
Men's Shoes from	\$1.25 to \$2.50
Ladies' Hose from	10c to 25c
Men's Sox from	5c to 25c
Mens' Hats from	50c to \$1.50
Linen Crash Towels, per pair	20 to 65c
Men's and Boys' Caps from	20c to 40c
Men's Gloves, per pair, from	25c to \$2.25
Boys' Gloves, per pair, from	40c to 55c
Boys' Shoes, per pair, from	\$1.00 to \$1.75
Men's and Boys' Ties from	5c to 35c
Men's Handkerchiefs from	10c to 25c
Ladies' Handkerchiefs from	5c to 15c
Dressing Combs, from	10c to 30c
Toilet Soaps from	5c to 10c and 3 for 25c
Men's Coin Purses from	10c to 20c
12-inch Feather Dusters	15c to 25c
Men's Pocket Books from	5c to 20c
Men's Suspenders, per pair, from	15c to 45c
Shoe Laces, per pair, from	1c to 5c
Men's Watches from	\$1.00 to \$5.00
Floor Rugs from	40c to \$2.00
Buggy Whips from	15c to \$1.75
5-ft Step Ladders from	95c to \$1.25
6-ft Step Ladders	\$1.75
10-ft Galvanized Clothes Lines	15c
65-ft Galvanized Clothes Lines	25c
Clothes Pins, per dozen, from	4 to 8c
Dinner Pails, Tin	15c
Tin Coffee Pots from	10c to 30c
Tin Pans from	4c to 35c
Tin Tea Kettles	70c and 75c
Tin Washpans	10c to 15c
Enameled Tea Kettles	75c to \$1.25
Enameled Wash Pans	40c to 55c
Enameled Sauce Pans	40c to 55c
Enameled Coffee Pots	45c, 55c, \$1.00
Enameled Dish Pans	\$1.00
Steel Fry Pans	10c to 45c
Plain Plates, per set	40c to 70c
Fancy Plates, per set	80c
1 Gallon Tin Oil Can	20c
23-in. Wash Tub	90c
19-in. Wash Tub	70c
1 pkg. Shoe Tacks	5c
1 pkg. Carpet Tacks	5c
1 pkg. Tooth Picks	5c
Sure-Catch Mouse Traps	5c
Hammers	30c to 90c
Tack Hammers	15c
Butcher Knives	25c to 45c
1 set Table Glasses	50c
Flour Sifter	10c to 20c
1 set of Potts Sad Irons	\$2.00
1 pkg. Envelopes	5c

Ink Tablets, 5c to 20c; Pencil Tablets, 2c to 10c 50 per cent discount.

Men's Suits, \$4.50 to \$12.00 - 15 per cent discount

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LEE SHIPP.